

# WITH THE FARMERS

By Prof. W. F. MASSEY

Wednesday November 5, 1913.

## Sweet Potatoes

Make vines and small potatoes.

I have heavy fine land and can make big sweet potato vines, but they do not yield as well as I have been in the habit of having them elsewhere. I generally make my ridges and paths wide with a wagon. Would you advise using potato vines to cover up the percentage of notches? It generally breaks my land very soon and always have something to turn under. In the first place you say your land is heavy. Heavy soil is not the best for sweet potatoes, so far as the quality of the roots is concerned, but the main difficulty I assume is that you have not a sufficient supply of phosphorus to make them grow. You indicate that the soil is rich and something always turned under. It seems evident, then, that you have not excess of nitrogen in proportion to phosphorus and potassium in your soil. Nitrogen promotes the vital activity of the plant but for making starch and storing it in roots or need a plentiful supply of phosphorus. If you can't afford planting use very little nitrogen and plenty of phosphate and potash. To make a ton of good fertilizer under such condition I would mix 150 pounds of acid phosphate, 150 pounds of nitrate of soda and 400 pounds of sulphate of potash. Six to eight hundred pounds of this an acre will make the potatoes as large as possible to give them an early start off.

**Onions and other things.**

Prince Edward County, "Which is better for multiplying, the largest or the smallest?" A set of onions are closer than ones made start enough to cover the ground? Under what conditions is it dangerous to say commercial fertilizer on alfalfa? What is the best way to dry sunflowers seed and what proportion of seed can profitably be included in pen feed? Personal advice on each of these topics presented education will be greatly improved when it includes much of what we are writing. I am preparing a series of articles on corn arithmetic meant to show how arithmetic work can help show the possibilities of better crop production in Virginia and Maryland. Will be glad to have your opinions on them.

For increasing offsets or multiplying the larger sets of the yellow potato out of the tuber. A set of onions often make mostly one good set and perhaps a set or two, while a large one will make a group of sets. I planted last spring a lot of large potato onions solely for the purpose of making sets, and they made sets only, each large onion merely split up into sets averaging twenty to each bulb. While there was little increase in the general bulb, there was, of course, a great increase in numbers and from a bulb I get sets enough for quite a number of sets to be made growing out of the large sets. This is done solely because I was short of sets and had plenty of large onions that were kept over winter. I can see no harm that will be done by applying basic phosphate on a growing crop of rye and clover. But in applying mixed commercial fertilizer to growing crops, I would avoid applying it when the leaves are wet. This applies especially to rye or corn which will readily soil the leaves when they are wet. Then cottonseed oil applied to a growing crop in any large amount left on the surface will decay and make a mould that will sometimes do harm, but nothing of these things need be applied to rye since that crop can get its own nitrogen from the air and only needs good applications of phosphorus, lime and potash and for fertilizing it with phosphorus and the Thomas phosphate basic slag is best because of the lime it contains. Now go to the sunflower seed. As it grows and does not keep fresh if stored in a cool place, it is best to store it in a cool place, but would like to have the experience of poultrymen on this point. Now, as to what you intend to write on corn arithmetic, I shall be very glad to see the matter.

**Cultivating Weeds in Grain.**

I have written an article to kill weeds with carbon bisulphide. I hope you think it is just as I have thought. I don't know if it is good, but farmers do not seem to be using it, and thus necessitating repeating mention has already been published. The old seeds in grain the grain must not be boxed or bled that can be used up right. One pint of the carbon bisulphide is enough to treat half a bushel of grain and set the grain on top of the grain. It evaporates very fast, and the fumes are heavier than air, and will rise through the grain and salt everything on it. Have all the grain stored in a cool place for the time will escape even from a cigar after it has all evaporated, open up and air it.

In storing grain much sulphur from insects can be avoided in some strain by mixing metacollic acid through the grain. These are very cheap and can be used freely, but I would have to use them with grain that is to be eaten, as they may give it a disagreeable odor. Seedmen use them freely and successfully as coated over grain.

**Nature for Onions.**

Which is the best for onions, twenty bushels of a two-bushel wagon or carriage an acre of ten bushels and about \$10 worth of a high-grade fertilizer, the manure to be hauled at ten cents a bushel and a half miles? The grain is not rich, but sandy, and I have just gotten the land. Can I spread the manure now and the fertilizer later? am going to plant tomatoes largely next spring, and have saved seed from last year's tomatoes. With the exception of Aunt Patsy's Poultry Feed in Virginia, there is no better tomato seed in the country. The opinion crop is one that can be profitably kept on the same land for a number of years. I would use the manure and then apply 1000 pounds an acre of a mixture of sixteen parts acid phosphate and four parts muriate of potash. It

# NEWS OF SOUTH RICHMOND

## PARTIALLY IDENTIFIED

Alexander Spotswood Believed to Have Been Man Killed by Car.

After an investigation of the clothing of the dead man by two colored women of Petersburg yesterday afternoon at Captain McMahon's office, the negro who was killed by an electric car of the Richmond and Petersburg line on a trestle near Chester, is believed to be Alexander Spotswood, forty-one years old, of Petersburg. In order to make the identification complete, the body will have to be exhumed and a thorough examination made. Hattie Davis and Susan Mosely, the two women who made the investigation, will see the City Coroner about having the body removed.

The negro was injured on August 7, and three days later in the Memorial Hospital, where he was taken several hours after being struck, fell about fifty feet, and suffered severe injuries.

### Balloons in Light.

Little interest was taken in the general election on the Southside yesterday, with only two-thirds the usual voting strength of the three precincts was polled. Captain H. C. Pritchard, delegate for the House of Delegates from Chesterfield County, and B. E. Homan, the Roanoke delegate from Petersburg and Chesterfield, were elected without opposition.

### NO SESSION FRIDAY

The United States Circuit Court of Appeals convened yesterday for the November term, with Circuit Judges Pritchard, Knapp and Woods in attendance.

After the court announced and handed down eleven opinions, the following motions were heard:

No. 120—Samuel T. Spears, Trustee, Newell Brothers Lumber Co., bankrupt, appellant, vs. French and Purvisville Railroad Company, appellee.Appealed from the District Court of the United States for the Northern District of West Virginia, at Philippi. Motion to dismiss appealed to dismiss appeal. Submitted briefs.

No. 121—Ollie H. Browning, James S. Browning, Jr., an infant, suing by his next friend, James S. Browning, appellants, vs. Thomas T. Boswell, Merville H. Carter, Andrew C. Snyder, the Big Vein Coal Company, and the Colonial Trust Company, appellants. Appeal from the District Court of the United States for the Western District of Virginia, at Lynchburg. Motion of appellants to award damages to additional parties. Argued by J. W. Henson, of Roanoke, Va., and R. B. Tippett, of Baltimore, Md., in support of motion, and by George W. St. Clair and J. P. Royal, of Tazewell, Va., and W. H. Dec. Wright, of Baltimore, Md., in opposition to motion, and submitted.

The following attorneys were admitted to practice in this court: George W. St. Clair and J. Powell Royal, of Tazewell, Va., and W. J. Benson, of Roanoke, Va.

The case in call this morning:

No. 122—Frances E. Smith, infant, whose mother died, who sued by her next friend, James S. Smith, plaintiff in error, vs. French and Purvisville Railroad Company, defendant in error. Error to District Court at Huntington, W. Va. To be argued by Somerville & Somerville, Point Pleasant, W. Va., for the plaintiff in error, and Rankin Wiley, Point Pleasant, W. Va., for the defendant in error.

Hands Down Eleven Opinions.

The court announced and handed down its opinion in the following cases:

No. 123—W. T. Ind. Francis L. LeBarre and T. Allen Legare, administrators of George S. L. Ind., deceased, Hamilton, K. Leah, Charles M. and Thomas H. Tatman, appellants, vs. J. L. Colen, J. J. Lawton and D. B. Coler, doing business under the firm name and style of Hartsville Oil Mill, appellees. Appeal from District Court at Charleston, S. C. Opinion by Judge Connor. Affirmed.

No. 124—Amelia Davis, trustee in bankruptcy of the Charles Town Light and Power Company, bankrupt, and C. J. Delone, the Winchester and Washington City Railway Company, et al., appellants, vs. Hanover Savings and Loan Society, the People's Bank of Hanover, D. R. Billings, appellee. Appeal from the District Court at Martinsburg, West Virginia. In bankruptcy. Opinion by Judge Connor. Affirmed.

No. 125—William C. Thrush, plaintiff in error, vs. L. S. Shinn, defendant in error, to the District Court at Martinsburg, W. Va. Opinion by Judge Connor. Reversed.

No. 126—John D. Buchanan, administrator of Richard Buchanan, deceased, plaintiff in error, vs. M. M. Ritter, Linton Company, and Joe Effer, defendant in error, prior to the District Court at Asheville, N. C. Opinion by Judge Connor. Reversed.

No. 127—Thomas C. Whitted & Company, plaintiff in error, vs. Fairfield Cotton Mills, defendant in error, prior to the District Court at Columbus, Ga.

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Write for Wood's Crop Special giving prices and seasonable information about Seeds for Fall sowing.

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**Wood's Descriptive Fall Catalogue**

gives prices and information about all **Garden Seeds for Fall Planting.**

Mailed free on request.

Memphis, Tenn., October 21, 1913.

We are advised of late by several of our competitors that Aunt Patsy's Poultry Feed is a great egg producer, but they are also making the statement that the reason Aunt Patsy's Poultry Feed produces more eggs than any other poultry food, we use either French mustard, red pepper or some strong stimulant or forcing powder of some kind, the result of which will be that in a few months the hen will be ruined, producing no eggs at all, and only fat.

We are glad that our competitors do us the credit to admit that Aunt Patsy's is a great egg producer, but we deny positively that we use in the manufacture of Aunt Patsy's Poultry Feed either French mustard, red pepper or any stimulant or forcing powder whatever. Our Mr. Gentry, the owner of Aunt Patsy's Poultry Feed, is too much in love with the hen to permit it to be ruined, and he can't afford to lose it.

It is true Aunt Patsy's is a great egg producer, because it is a thoroughly balanced scientifically blended ration, containing every ingredient of which the egg is made. In short, our Mr. Gentry, the hen takes into her crop what she can't digest, and in the process of doing so, she must lay an egg.

We deny any chemist in the world to find anything in Aunt Patsy's Poultry Feed that can be a cause of lay-off, because after a crop of wheat or winter oats, we can raise a crop of rye or barley, which are more nutritious than the former, and the grain will give more eggs than the latter.

TRY A HOG AND CONVINCE YOURSELF.

If your dealer does not carry Aunt Patsy in stock, write AUNT PATSY FEED CO., Memphis, Tenn., and they will see that you get the feed.

For Sale by HARVEY BLAIR CO., Richmond, Va.

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Don't that mean huge purchases at extra savings—and big sales that show a splendid profit in spite of the low prices? Become a stockholder and you gain greatly, BOTH IN DIVIDENDS AND IN SAVINGS ON EVERYTHING YOU BUY.

### FACTS:

1. Co-operative stores average dividends of 25 per cent. 2. They save customers 20 per cent. 3. Value of stock increases with dividends. 4. Any one can own ten or more shares by our easy payment plan. 5. You get one share for every ten you sell.

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CAUTION—MAKE NO PAYMENTS EXCEPT AT HOME OFFICE, SEVENTH AND FRANKLIN STS., RICHMOND, VA.

Since the sets of the Manchu regime, and describe disasters which are certain to follow if parties such as the Kuo Ming Tang are permitted to exist.

At various legations the opinion is held that only by strong action can the President prevent the disruption of China by her own people. Very little has been accomplished by Parliament, which has devoted its time to opposing the President since it came into existence.

A crisis was reached last week when the draft of the proposed legislation made the President absolutely dependent on Parliament.

Monarchs in operation in Peking. The authority is granted in the event of arrest and summary execution, which have been numerous since the rebellion began. It is understood, will continue.

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